

DIMENSIONAL TOLERANCES INCHES (MM)					
C	D	E	F	L	L1
0.385 (9.80)	5.50 (139.70)	1.50 (38.10)	0.50 (12.80)	18.00 (457.20)	14.00 (355.60)
					4.50 (114.30)
					4.00 (101.60)
					H

REVISION HISTORY			SIGN & DATE			
REV	ECN	DESCRIPTION	BY	DATE	CHK	DATE
0		UPDATED COPPER LEADS CONSTRUCTION	TN	02/10/22	JL	02/10/22
D1		REVISED C DIMENSION	TN	02/24/23	JL	02/24/23

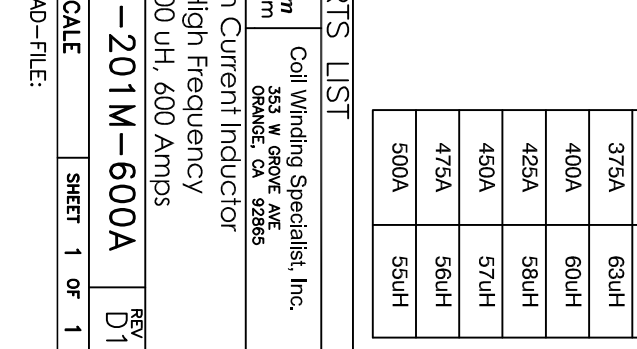


SCHEMATIC

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- 8 APPLICATION: OUTPUT CHOKE, HIGH CURRENT INDUCTOR, INPUT FILTER
- 7 BUILT TO ROHS COMPLIANCE
- 6 LABEL PART NUMBER AND REVISION WHERE SHOWN
- 5 VARNISH PART AND OVEN CURE
- 4 APPLY SILICON AS REQUIRED
- 3 WRAP TAPE AROUND CORES WITH CORES AND NOMEX PRE FORMED FLAT COPPER FOIL CONSTRUCTION:
- 2 WEIGHT: 52 LBS TYPICAL
- 1 RECOMMENDED OPERATING FREQUENCY: 60HZ TO 500KHZ

RECOMMENDED AMBIENT OPERATING TEMP: -40°C TO 105°C
 HIPOT TEST FROM WINDING TO CORE 2500VDC @ 2mA, 1 MIN
 INTERWINDING CAPACITANCE = 198pF TYP @ SRF
 |Z| = 2.3 KILO-OHM TYP @ SRF
 SRF = 880 KHZ TYPICAL
 RATED CURRENT: 600 AMPS, APPROPRIATE AIR FLOW NEEDED.
 DCR BETWEEN PINS 1 - 2: 2.7 MILLIOHMS MAX.
 INDUCTANCE @ DC BIAS: SEE TABLE ON THE RIGHT.
 INDUCTANCE BETWEEN PINS 1-2: 190uH ± 25% NOM., MEASURED AT 1 KHZ, 0.25V, ZERO DC BIAS



DC BIAS TABLE

DC-BIAS	L
0A	200uH
25A	187uH
50A	175uH
75A	160uH
100A	167uH
125A	162uH
150A	157uH
175A	142uH
200A	129uH
225A	114uH
250A	101uH
275A	88uH
300A	79uH
325A	72uH
350A	67uH
375A	63uH
400A	60uH
425A	58uH
450A	57uH
475A	56uH
500A	55uH

- 3 SPECIFICATIONS:
- 2 VARNISH AND BAKE
- 1 SILICONE DOW CORNING OR EQUAL
- OUTER WRAP: 3M GLASS OR EQUAL
- 2 CORE: COMPACTED POWDERED CORE
- 1 MATERIAL: UL RECOGNIZED

ANY TOLERANCE THIS DIM. CAN VARY A LITTLE FROM PART TO PART.
 "TYP" IN DIM. TABLE REFERS TO A NON-CRITICAL TYPICAL (AVERAGE) DIM. WITHOUT

NOTES: UNLESS OTHERWISE SPECIFIED READ, FROM BOTTOM UP.
 CAGE CODE: 5DME2

PARTS LIST		AUTOCAD		SOLIDWORKS	
UNLESS OTHERWISE SPECIFIED	DIMENSIONING AND TOLERANCE PER ANSI Y14.5M	BROW	SIGN	DATE	DATE
ALL DIMENSIONS ARE IN INCHES AND [MILLIMETERS]		JL		07/14/17	
TOLERANCE INCHES: .XXX=±.010 .XX=±.020 .X=±.030		JLAU		07/14/17	
TOLERANCE METRICS: .XXX=±.254 .XX=±.51		JLAU		07/14/17	
ANGLE PROJECTION		APPR		BO	
DO NOT SCALE DRAWING					

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